### New Jersey Drug and Alcohol Abuse Treatment

# Substance Abuse Overview 2003 Salem County

New Jersey Department of Human Services

Prepared by:
Division of Addiction Services
Management Information Systems
Trenton, New Jersey

James E. McGreevey Governor James M. Davy Commissioner

July 2004



# DEPARTMENT OF HUMAN SERVICES DIVISION OF ADDICTION SERVICES PO BOX 362 TRENTON, N.J. 08625-0362

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James M. Davy Commissioner

July 2004

#### Dear Colleague:

JAMES E. McGREEVEY

Governor

This *Substance Abuse Overview* provides statistics and social indicators related to substance abuse and substance abuse treatment in your county. In 2003 there were more than 53,000 treatment admissions reported to the New Jersey Department of Human Services. These reports were submitted on the paper forms of the Drug Abuse Data System (ADADS) and the web-based NJ Substance Abuse Monitoring System (NJ-SAMS) which began operations in October, 2002. NJ-SAMS

#### The Overview includes:

- State Totals for Substance Abuse Treatment Admissions for 2003.
- County Totals for Substance Abuse Treatment Admissions for 2003.
- Selected Social and Health Indicators for Your County.
- County Share of Substance Abuse Admissions by Primary Drug.
- Distribution of Substance Abuse Admissions by Primary Drug within County.
- Substance Abuse Admissions by Municipality and Primary Drug
- Treatment Admissions by Municipality of Residence, Primary Drug and Age.
- Estimated Number of People in Need of Treatment by County and Drug Type.

Dr. Abate Mammo prepared the need for treatment estimates and Dr. Yohannes Hailu compiled the social and health indicators.

If you have any questions about the data or participation in NJ-SAMS you may contact the Management Information Systems Unit by email at <a href="mailto:charles.crowley@doh.state.nj.us">charles.crowley@doh.state.nj.us</a> or by telephone at (609) 633-2175.

Sincerely,

Charles J. Crowley

Coordinator,

Systems Analysis & Development

#### New Jersey Alcohol and Drug Abuse Data System Substance Abuse Treatment Admissions

State Totals

**Admissions:** 1/1/2003 - 12/31/2003

Drimory Dr	110				Logal Dr	ahlam*			
Primary Dr	ug		14,900	28%	Legal Pr None	obieiii.		28,705	53%
Alcohol Heroin			26,224	28% 49%		tion/Parole		13,858	26%
	0116		10,182						
Intraveno	ous			19%		License Susp.		3,012	6% 20%
Cocaine			5,477 3,511	10%	Other			10,993	20%
Smoked				7%	Dafamal	C			
Marijuana			5,964	11%	Referral			22 115	410/
Other Drug	gs		969	2%		eferral		22,115	41%
<b></b>	ו					y/Friend		3,997	7%
Treatment S						Agency		14,397	27%
Couns/Coor			13	0%		nal Justice		10,786	20%
Hosp Detox			9,863	18%	IDRC			2,070	4%
Residential l			4,721	9%		_			
Short-Term			5,462	10%	Any Pric	or Treatment		34,446	64%
Therapeutic	Community		3,502	6%					
Extended Ca	are/Halfway I	House	1,156	2%	Methado	one Planned			
Outpatient C	Care		12,255	23%	in Treat	ment		10,756	20%
	Methadone M	aint.	6,097	11%				,	
Intensive Ou			7,253	13%	Smoke T	Tobacco (Yes)		40,922	76%
Outpatient I			3,505	7%	2110110	(200)		.0,>	, 0,0
o atpatient E	cton		3,505	, , ,	Clients 7	Treated in The	oir		
Sex						of Residence		30,644	57%
Male			37,395	69%	County	of Kesidelice		30,044	3170
Female				31%	Complet	ed High Coho	ما	31,893	59%
remale			16,472	31%	Complet	ted High Scho			
Dogo/Etheric	.•4					Not Assess	sea	3,589	7%
Race/Ethnic	city		27.722	<b>51</b> 0/		a 4 em	• •		
White			27,722	51%	•	County of Res		407	
Black			16,728	31%		Atlantic	2,195	4%	
Hispanic			7,478	14%		Bergen	3,280	6%	
Other	_		745	1%		Burlington	1,309	2%	
Not Assesse			1,226	2%		Camden	3,542	7%	
Age at Adm	ission					Cape May	925	2%	
Under 18			2,642	5%		Cumberland	1,416	3%	
18-20			3,253	6%		Essex	8,940	17%	
21-24			6,057	11%		Gloucester	1,503	3%	
25-29			6,306	12%		Hudson	4,133	8%	
30-34			7,911	15%		Hunterdon	725	1%	
35-44			17,945	33%		Mercer	1,827	3%	
45-54			8,068	15%		Middlesex	2,977	6%	
55 and ove	er		1,689	3%		Monmouth	3,981	7%	
Unknown			18	0%		Morris	2,038	4%	
						Ocean	3,079	6%	
Employmen	t Status					Passaic	3,468	6%	
	Not in Labor F	Force	35,835	66%		Salem	482	1%	
Employed Fu			14,399	27%		Somerset	1,136	2%	
Not Assessed			3,634	7%		Sussex	753	1%	
						Union	3,838	7%	
Health Insu		lmission				Warren	810	2%	
No Insurai			32,402	60%		Other	1,332	2%	
Public Inst			8,330	15%					
Private Ins			8,413	16%					
Other/Unk	cnown		4,945	9%					
Month of Ac	dmission								
January	4,874	9%	May	4,564	8%	September	4,686	9%	
February	4,011	7%	June	4,493	8%	October	4,734	9%	
March	4,802	9%	July	4,897	9%	November	3,829	7%	
April	4,610	9%	August	4,496	8%	December	3,912	7% 7%	
p	1,010	770	1105000	1,120	0 /0	2000111001	5,712	, , 0	

#### New Jersey Alcohol and Drug Abuse Data System Substance Abuse Treatment Admissions 1/1/2003 - 12/31/2003

Salem County Code 17

Primary Drug			Legal Problem*		
Alcohol	199	41%	None	122	25%
Heroin	102	21%	Probation/Parole	194	40%
Intravenous Heroin	51	11%	DWI License Susp.	55	11%
Cocaine	66	14%	Other	165	34%
Smoked Cocaine	44	9%	omer	100	3170
Marijuana	105	22%	Referral Source		
Other Drugs	9	2%	Self-referral	100	21%
Other Drugs		270	Family/Friend	20	4%
Treatment Setting			Social Agency	148	31%
Couns/Coord-I/R	0	0%	Criminal Justice	174	36%
Hosp Detox/IMU	9	2%	IDRC	39	8%
Residential Detox	54	11%	12110		0,0
Short-Term Residential	61	13%	<b>Any Prior Treatment</b>	281	58%
Therapeutic Community	31	6%	my 11101 11 cument	201	3070
Extended Care/Halfway House	5	1%	Smoke Tobacco (Yes)	378	78%
Outpatient Care	118	24%	Smoke Tobacco (Tes)	370	7670
Outpatient Care Outpatient Methadone Maint.	30	6%	Completed High School	252	52%
Intensive Outpatient	174	36%	Not Assessed	27	52% 6%
Outpatient Detox	0	0%	Not Assessed	21	070
Outpatient Detox	U	070	Methadone Planned		
Sex			in Treatment	37	8%
Male	344	71%	in Treatment	31	070
Female	138	29%	<b>Health Insurance at Admis</b>	aion*	
remaie	138	29%			710/
D /E4l			No Insurance	342	71%
Race/Ethnicity	215	CE0/	Public Insurance	39	8%
White	315	65%	Private Insurance	90	19%
Black	136	28%	Other/Unknown	11	2%
Hispanic	19	4%			
Other	6	1%	Patients Treated in Their		
Not Assessed	5	1%	<b>County of Residence</b>	246	51%
Age at Admission					
Under 18	47	10%	Month of Admission		
18-20	57	12%	January 37	8%	
21-24	90	19%	February 39	8%	
25-29	61	13%	March 45	9%	
30-34	44	9%	April 37	8%	
35-44	118	24%	May 41	9%	
45-54	51	11%	June 35	7%	
55 and over	14	3%	July 52	11%	
			August 50	10%	
<b>Employment Status</b>			September 39	8%	
Unemployed/Not in Labor Force	294	61%	October 36	7%	
Employed Full/Part Time	158	33%	November 29	6%	
Not Assessed	30	6%	December 42	9%	

**Total Admissions = 482** 

<sup>\*</sup>Totals greater than 100% because of multiple responses.

Salem County: Selected Social and Health	Indicator	'S	
General Risk Factors by Domain	State	County	County/State Ratio
Community Environment:			
• Children below poverty (%), 1997	14.80	16.10	1.09
<ul> <li>Voter participation (%), 2000</li> </ul>	70.00	69.00	0.99
<ul> <li>Violent crime rate / 1,000, 2000</li> </ul>	3.80	2.70	0.71
Family Structure: Rates/1,000 population			
Domestic violence rate, 2000	9.23	11.18	1.21
<ul> <li>Teenage birth rate, 1997</li> </ul>	35.00	57.00	1.63
<ul> <li>Child abuse/neglect referrals rate, 1998</li> </ul>	0.755	0.737	0.98
School Involvement:			
<ul> <li>Dropouts (% HS enrollment), 1994-95</li> </ul>	4.20	5.20	1.24
<ul> <li>Adults not high school graduates %, 1990</li> </ul>	23.30	27.40	1.18
<ul> <li>Grade Eight Proficiency Assessment Index, 1999</li> </ul>	28.50	30.80	1.08
Individual / Peer Behaviors: Under 18 years old (Rate / 1,000)			
<ul> <li>Juvenile drug arrest rate, 2000</li> </ul>	3.87	1.82	0.47
Juvenile DUI arrest rate, 2000	0.19	0.73	3.78
Other Health Indicators: Rate / 100,000 population			
<ul> <li>Drug abuse treatment admission rates, 2003</li> </ul>	437.70	434.82	0.99
<ul> <li>Alcohol abuse treatment admission rates, 2003</li> </ul>	167.96	306.84	1.83
• IDU risk AIDS case rates, 2001	119.00	64.00	0.54
Cirrhosis of liver hospital admission rates	20.70	9.80	0.47
Alcohol related mortality rates, 1998	5.20	**	**
Drug related mortality rates, 1998	8.70	**	**
Motor vehicle injury death rates, 1998	9.30	**	**
Unintentional injury death rates, 1998	24.70	35.40	1.43
Suicide rates, 1998	7.10	**	**
Homicide rates, 1998	4.00	**	**
** Number is too small to calculate a reliable rate			1

Age-adjusted Cancer Incidence by Gender, Salem County – 1986-1996 <sup>1</sup>										
	N	<b>I</b> ale	Fe	male						
	Salem	New Jersey	Salem	New Jersey						
Lung Cancer Rate <sup>2</sup>				-						
• White	87.9	83.0	48.1	43.9						
<ul> <li>Black</li> </ul>	128.7	114.8	54.4	42.5						
Oral Cancer Rate <sup>2</sup>										
• White	10.8	13.4	6.3	5.7						
<ul> <li>Black</li> </ul>	11.2	22.8	**	6.7						
Bladder Cancer Rate <sup>2</sup>										
• White	38.5	38.0	8.3	9.7						
<ul> <li>Black</li> </ul>	9.5	15.8	13.3	6.1						

Incidence rates per 100,000 population, age adjusted to the 1970 population Average annual rate

<sup>1 2</sup> 

**Salem County** 

Alcohol, Tobacco, & Other Drug (ATOD) Use by New Jersey Middle School Students, 2001									
Annual Prevalence	New Jersey Percent	Salem County Percent							
• Cigarettes	12.3	18.8							
Alcohol	30.7	39.7							
<ul> <li>Marijuana</li> </ul>	4.7	7.3							
• Inhalants	4.7	5.2							
• Heroin	0.4	0.3							
<ul> <li>Any Other Drugs</li> </ul>	1.9	3.1							

Risk Factor Scale Scores – Middle S	School Survey, 2001	
Selected Risk Factors by Domain	New Jersey	Salem County
Community Domain:		
<ul> <li>Low Neighborhood Attachment</li> </ul>	48	47
<ul> <li>Community Transitions and Mobility</li> </ul>	51	43
<ul> <li>Perceived Availability of Drugs and Firearms</li> </ul>	28	31
Family Domain:		
<ul> <li>Poor Family Supervision</li> </ul>	46	47
<ul> <li>Parental Attitudes Favorable toward ATOD Use</li> </ul>	40	45
School Domain:		
Poor Academic Performance	51	53
Low School Commitment	49	53
Peer - Individual Domain:		
<ul> <li>Friends' Use of Drugs</li> </ul>	35	41
<ul> <li>Favorable Attitudes toward Antisocial Behavior</li> </ul>	54	57
Low Perceived Risk of Drug use	33	33

Protective Factor Scale Scores – Middle School Survey, 2001										
Selected Protective Factors by Domain	New Jersey	Salem County								
Community Domain:										
<ul> <li>Community Rewards for Pro-social Involvement</li> </ul>	49	48								
Family Domain:										
<ul> <li>Family Attachment</li> </ul>	55	52								
<ul> <li>Family Rewards for Pro-social Involvement</li> </ul>	57	55								
School Domain:										
School Opportunities for Pro-social Involvement	54	55								
<ul> <li>School Rewards for Pro-social Involvement</li> </ul>	48	49								
Peer – individual Domain										
<ul> <li>Social Skills</li> </ul>	56	54								
Belief in the Moral Order	53	52								

Cou	nty Sha	are of S	ubsta	nce Ab	use Adı	mission	s by (	County	and P	Primary L	Drug,		
	2003 NJ Resident Admissions												
County of			1		Primar						County	/ Total	
Residence		Alcohol (			Her					hers			
	N	%	N	%	N	%	N	%	N	%	N	%	
Atlantic	641	4.4	160	3.0	1044	4.3	213	3.6	129	6.3	2187	4.2	
Bergen	1327	9.1	426	7.9	1051	4.3	330	5.6	146	7.1	3280	6.3	
Burlington	561	3.9	168	3.1	317	1.3	156	2.6	107	5.2	1309	2.5	
Camden	1101	7.6	450	8.4	1344	5.5	380	6.4	264	12.9	3539	6.8	
Cape May	416	2.9	73	1.4	188	0.8	178	3.0	69	3.4	924	1.8	
Cumberland	631	4.3	190	3.5	308	1.3	245	4.2	42	2.0	1416	2.7	
Essex	939	6.5	593	11.0	6665	27.2	626	10.6	111	5.4	8934	17.1	
Gloucester	529	3.6	162	3.0	467	1.9	211	3.6	132	6.4	1501	2.9	
Hudson	934	6.4	335	6.2	2282	9.3	418	7.1	164	8.0	4133	7.9	
Hunterdon	369	2.5	59	1.1	151	0.6	120	2.0	26	1.3	725	1.4	
Mercer	537	3.7	356	6.6	554	2.3	329	5.6	51	2.5	1827	3.5	
Middlesex	748	5.2	279	5.2	1427	5.8	393	6.7	128	6.2	2975	5.7	
Monmouth	1137	7.8	631	11.7	1472	6.0	572	9.7	163	7.9	3975	7.6	
Morris	913	6.3	132	2.5	816	3.3	100	1.7	74	3.6	2035	3.9	
Ocean	855	5.9	263	4.9	1468	6.0	327	5.5	166	8.1	3079	5.9	
Passaic	731	5.0	394	7.3	1846	7.5	410	7.0	86	4.2	3467	6.6	
Salem	199	1.4	66	1.2	96	0.4	105	1.8	15	0.7	481	0.9	
Somerset	483	3.3	92	1.7	347	1.4	184	3.1	29	1.4	1135	2.2	
Sussex	321	2.2	58	1.1	287	1.2	44	0.7	41	2.0	751	1.4	
Union	804	5.5	419	7.8	2135	8.7	420	7.1	58	2.8	3836	7.3	
Warren	333	2.3	73	1.4	219	0.9	133	2.3	52	2.5	810	1.5	

**Drug Total** 

14509

100.0

5379

100.0

24484

100.0

5894

100.0

2053

100.0

52319

100.0

## Distribution of Substance Abuse Admissions by Primary Drug within County, 2003 NJ Resident Admissions

County of Residence					Primary	Drug					County	/ Total
	Alco	hol	Coc	aine	Hero	oin	Marij	uana	Othe	ers		
	N	%	N	%	N	%	N	%	N	%	N	%
Atlantic	641	29.3	160	7.3	1044	47.7	213	9.7	129	5.9	2187	100.0
Bergen	1327	40.5	426	13.0	1051	32.0	330	10.1	146	4.5	3280	100.0
Burlington	561	42.9	168	12.8	317	24.2	156	11.9	107	8.2	1309	100.0
Camden	1101	31.1	450	12.7	1344	38.0	380	10.7	264	7.5	3539	100.0
Cape May	416	45.0	73	7.9	188	20.3	178	19.3	69	7.5	924	100.0
Cumberland	631	44.6	190	13.4	308	21.8	245	17.3	42	3.0	1416	100.0
Essex	939	10.5	593	6.6	6665	74.6	626	7.0	111	1.2	8934	100.0
Gloucester	529	35.2	162	10.8	467	31.1	211	14.1	132	8.8	1501	100.0
Hudson	934	22.6	335	8.1	2282	55.2	418	10.1	164	4.0	4133	100.0
Hunterdon	369	50.9	59	8.1	151	20.8	120	16.6	26	3.6	725	100.0
Mercer	537	29.4	356	19.5	554	30.3	329	18.0	51	2.8	1827	100.0
Middlesex	748	25.1	279	9.4	1427	48.0	393	13.2	128	4.3	2975	100.0
Monmouth	1137	28.6	631	15.9	1472	37.0	572	14.4	163	4.1	3975	100.0
Morris	913	44.9	132	6.5	816	40.1	100	4.9	74	3.6	2035	100.0
Ocean	855	27.8	263	8.5	1468	47.7	327	10.6	166	5.4	3079	100.0
Passaic	731	21.1	394	11.4	1846	53.2	410	11.8	86	2.5	3467	100.0
Salem	199	41.4	66	13.7	96	20.0	105	21.8	15	3.1	481	100.0
Somerset	483	42.6	92	8.1	347	30.6	184	16.2	29	2.6	1135	100.0
Sussex	321	42.7	58	7.7	287	38.2	44	5.9	41	5.5	751	100.0
Union	804	21.0	419	10.9	2135	55.7	420	10.9	58	1.5	3836	100.0
Warren	333	41.1	73	9.0	219	27.0	133	16.4	52	6.4	810	100.0
State Total	14509	27.7	5379	10.3	24484	46.8	5894	11.3	2053	3.9	52319	100.0

## Substance Abuse Admissions by Municipality and Primary Drug January 1, 2003 to December 31, 2003

#### County Salem

Municipality				P	rima	ry Drug	]					ounty
	Alc	ohol	Cod	caine	He	roin	Marij	uana	Ot	hers	Т	otal
	N	%	N	%	N	%	N	%	N	%	N	%
Alloway Twp	9	56.3	1	6.3	2	12.5	1	6.3	3	18.8	16	100.0
Carneys Point Twp	21	38.2	12	21.8	6	10.9	16	29.1			55	100.0
Elmer Boro	29	60.4	1	2.1	10	20.8	7	14.6	1	2.1	48	100.0
Mannington Twp	1	100.0									1	100.0
Oldmans Twp					1	25.0	2	50.0	1	25.0	4	100.0
Penns Grove Boro	23	38.3	8	13.3	5	8.3	23	38.3	1	1.7	60	100.0
Pennsville Twp	35	34.7	12	11.9	37	36.6	14	13.9	3	3.0	101	100.0
Pilesgrove Twp	2	16.7	1	8.3	7	58.3	1	8.3	1	8.3	12	100.0
Pittsgrove Twp	11	45.8	2	8.3	9	37.5	2	8.3			24	100.0
Quinton Twp			1	33.3	1	33.3	1	33.3			3	100.0
Salem City	41	43.2	16	16.8	6	6.3	29	30.5	3	3.2	95	100.0
Upper Pittsgrove Twp	5	35.7	2	14.3	3	21.4	2	14.3	2	14.3	14	100.0
Woodstown Boro	20	44.4	9	20.0	9	20.0	7	15.6			45	100.0
Not Stated	2	66.7	1	33.3							3	100.0
County Total	199	41.4	66	13.7	96	20.0	105	21.8	15	3.1	481	100.0

#### Treatment Admissions by Municipality of Residence, Primary Drug and Age, 2003

			Ald	cohol					D	rugs					Т	otal		
Salem	1	18+		nder 18	Т	'otal	1	8+	_	nder 18	Т	otal	1	8+	_	nder 18	Т	otal
	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%
Alloway Twp	9	100.0			9	100.0	7	100.0			7	100.0	16	100.0			16	100.0
Carneys Point Twp	19	90.5	2	9.5	21	100.0	30	88.2	4	11.8	34	100.0	49	89.1	6	10.9	55	100.0
Elmer Boro	28	96.6	1	3.4	29	100.0	16	84.2	3	15.8	19	100.0	44	91.7	4	8.3	48	100.0
Mannington Twp	1	100.0			1	100.0							1	100.0			1	100.0
Oldmans Twp							4	100.0			4	100.0	4	100.0			4	100.0
Penns Grove Boro	23	100.0			23	100.0	28	75.7	9	24.3	37	100.0	51	85.0	9	15.0	60	100.0
Pennsville Twp	32	91.4	3	8.6	35	100.0	54	81.8	12	18.2	66	100.0	86	85.1	15	14.9	101	100.0
Pilesgrove Twp	2	100.0			2	100.0	9	90.0	1	10.0	10	100.0	11	91.7	1	8.3	12	100.0
Pittsgrove Twp	11	100.0			11	100.0	13	100.0			13	100.0	24	100.0			24	100.0
Quinton Twp							3	100.0			3	100.0	3	100.0			3	100.0
Salem City	38	92.7	3	7.3	41	100.0	51	94.4	3	5.6	54	100.0	89	93.7	6	6.3	95	100.0
Upper Pittsgrove Twp	4	80.0	1	20.0	5	100.0	8	88.9	1	11.1	9	100.0	12	85.7	2	14.3	14	100.0
Woodstown Boro	19	95.0	1	5.0	20	100.0	22	88.0	3	12.0	25	100.0	41	91.1	4	8.9	45	100.0
Not Stated	2	100.0			2	100.0	1	100.0			1	100.0	3	100.0			3	100.0
Total	188	94.5	11	5.5	199	100.0	246	87.2	36	12.8	282	100.0	434	90.2	47	9.8	481	100.0

## Estimated Number of People in Need of Treatment by County and Drug Type (1998 estimates)

County	Lifetime Need for Alcohol Treatment	Current Need for Heroin Treatment	Current Need for Cocaine Treatment	Need for Other Illicit Drug Treatment	Combined Current Need for Illicit Drug Treatment	Combined Need for Alcohol and Illicit Drug Treatment
Atlantic	13,416	3,624	4,792	5,070	13,486	26,902
Bergen	65,230	4,511	5,479	4,426	14,416	79,646
Burlington	10,640	1,846	4,420	4,437	10,703	21,343
Camden	33,167	6,530	8,109	5,225	19,864	53,031
Cape May	6,640	830	1,174	1,895	3,899	10,539
Cumberland	9,700	1,012	2,506	1,554	5,072	14,772
Essex	26,637	22,750	10,427	6,968	40,145	66,782
Gloucester	9,253	1,648	3,050	2,204	6,902	16,155
Hudson	33,652	8,703	7,749	5,662	22,114	55,766
Hunterdon	5,026	656	641	1,362	2,659	7,685
Mercer	25,175	2,204	7,081	3,878	13,163	38,338
Middlesex	41,194	6,289	6,181	4,231	16,701	57,895
Monmouth	37,528	3,796	9,174	7,399	20,369	57,897
Morris	20,377	2,656	2,282	1,799	6,737	27,114
Ocean	39,622	2,955	3,746	4,130	10,831	50,453
Passaic	21,036	6,102	6,182	4,593	16,877	37,913
Salem	4,470	186	1,316	663	2,165	6,635
Somerset	13,759	1,356	1,961	1,873	5,190	18,949
Sussex	10,500	573	702	1,709	2,984	13,484
Union	17,369	7,714	5,487	3,668	16,869	34,238
Warren	8,827	412	1,282	889	2,583	11,410
Total	453,218	86,353	93,741	73,635	253,729	706,947
· otai	755,210	00,555	73,771	75,055	255,127	700,7-1

Estimates of lifetime need for alcohol treatment based on data from the New Jersey 1998 Telephone Household Survey.

Estimates of current need for illicit drug treatment based on capture-recapture analysis of data from the Alcohol and Drug Abuse Data System (ADADS): 1996-1998.